



FEMA



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FEMA Region 6 Weather Threat Briefing

Wednesday, July 4, 2018

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.

Key Points



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Today

- Isolated heavy rain/flooding possible over **SE TX** and **SW LA**.

Thursday

- Isolated strong to isolated severe storms over **E TX** and **S LA**. Main threat locally damaging winds.

Friday - Sunday

- No significant weather is expected.

Tropical Outlook

- Disorganized showers and thunderstorms located within a few hundred miles to the south of Bermuda are associated with a trough of low pressure. Environmental conditions appear conducive for some development of this system, and a tropical depression could form before the end of the week while the system moves west-northwestward and then northward between Bermuda and the east coast of the United States. The system is then forecast to move generally northward over the weekend and begin interacting with a frontal system on Sunday, which would limit any additional development.
 - Formation chance through 48 hours...medium...40 percent.
 - Formation chance through 5 days...medium...60 percent.
- A small area of low pressure associated with a tropical wave is producing a concentrated area of showers several hundred miles west-southwest of Cabo Verde Islands. Some additional development of this system is possible during the next few days while the low moves westward at 10 to 15 mph over the tropical Atlantic Ocean. Upper-level winds are expected to become less conducive for development by this weekend when the system approaches the Lesser Antilles.
 - Formation chance through 48 hours...low...30 percent.
 - Formation chance through 5 days...low...30 percent.
- No significant impacts to **FEMA 6** expected at this time.







FEMA Region 6 Threat Matrix

July 4, 2018 – July 8, 2018



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DAY / THREAT		THU	FRI	SAT	SUN
Severe Storms		ETX/S LA			
Heavy Rain / Flash Flooding	SETX/SW LA				
Fire Weather					
Tropical Weather					
River Flooding					

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

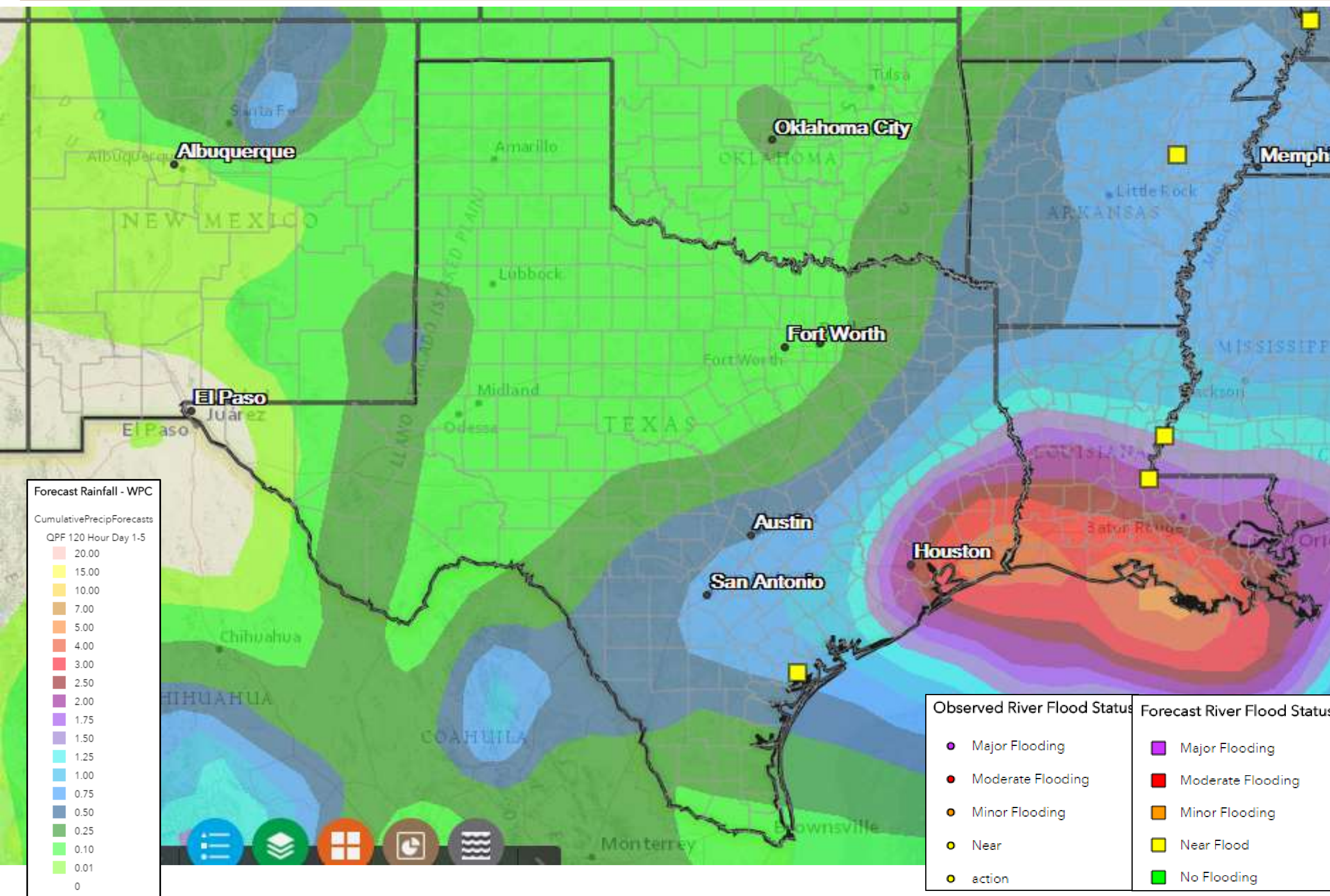
**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



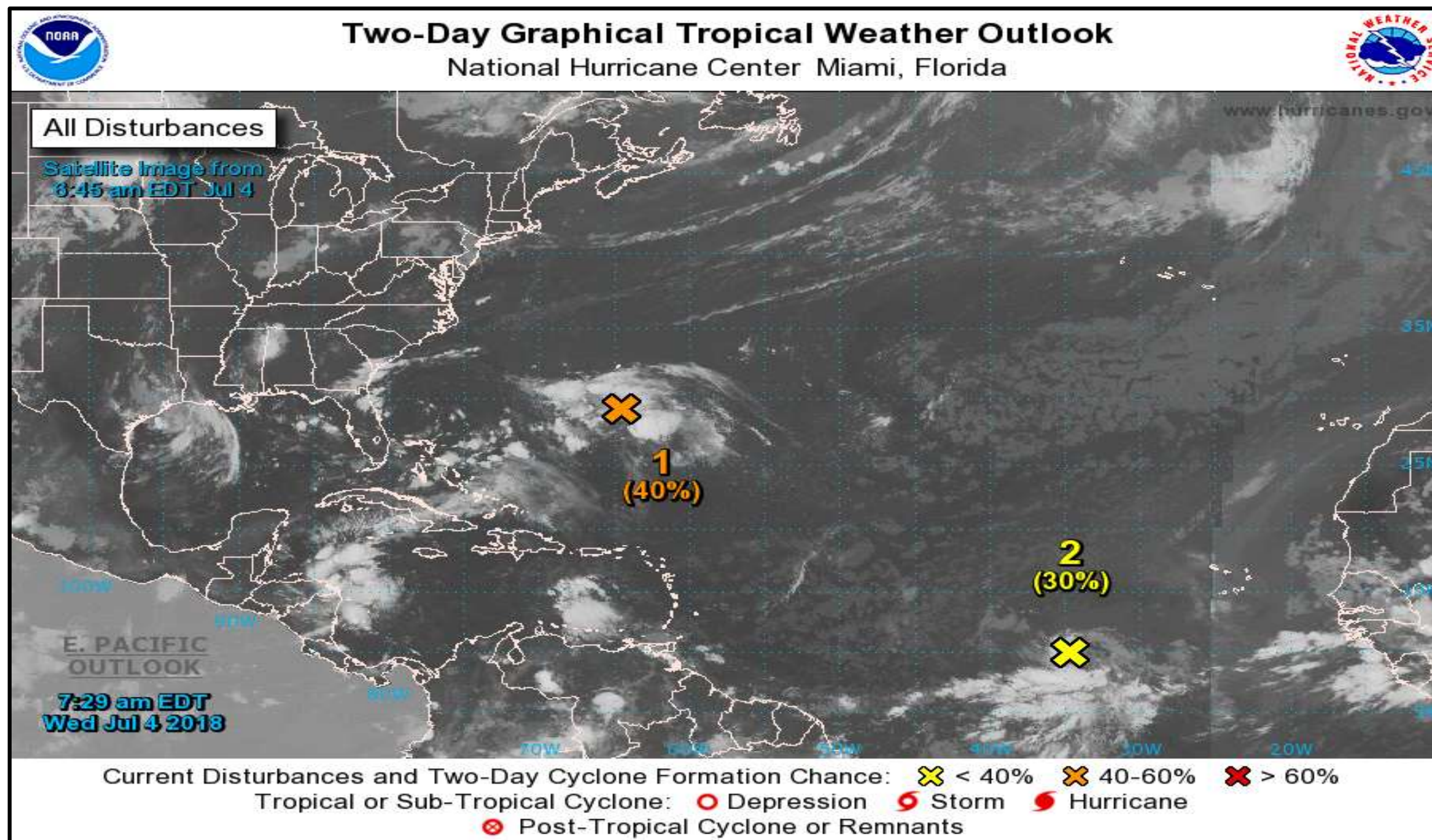
No significant river flooding is observed or forecast.

Some isolated minor flooding on fast responding rivers/creeks may be possible today in SE TX.

Tropical Weather Outlook – Atlantic/Gulf



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Location 1:

Formation chance through 48 hours...medium...40 percent.

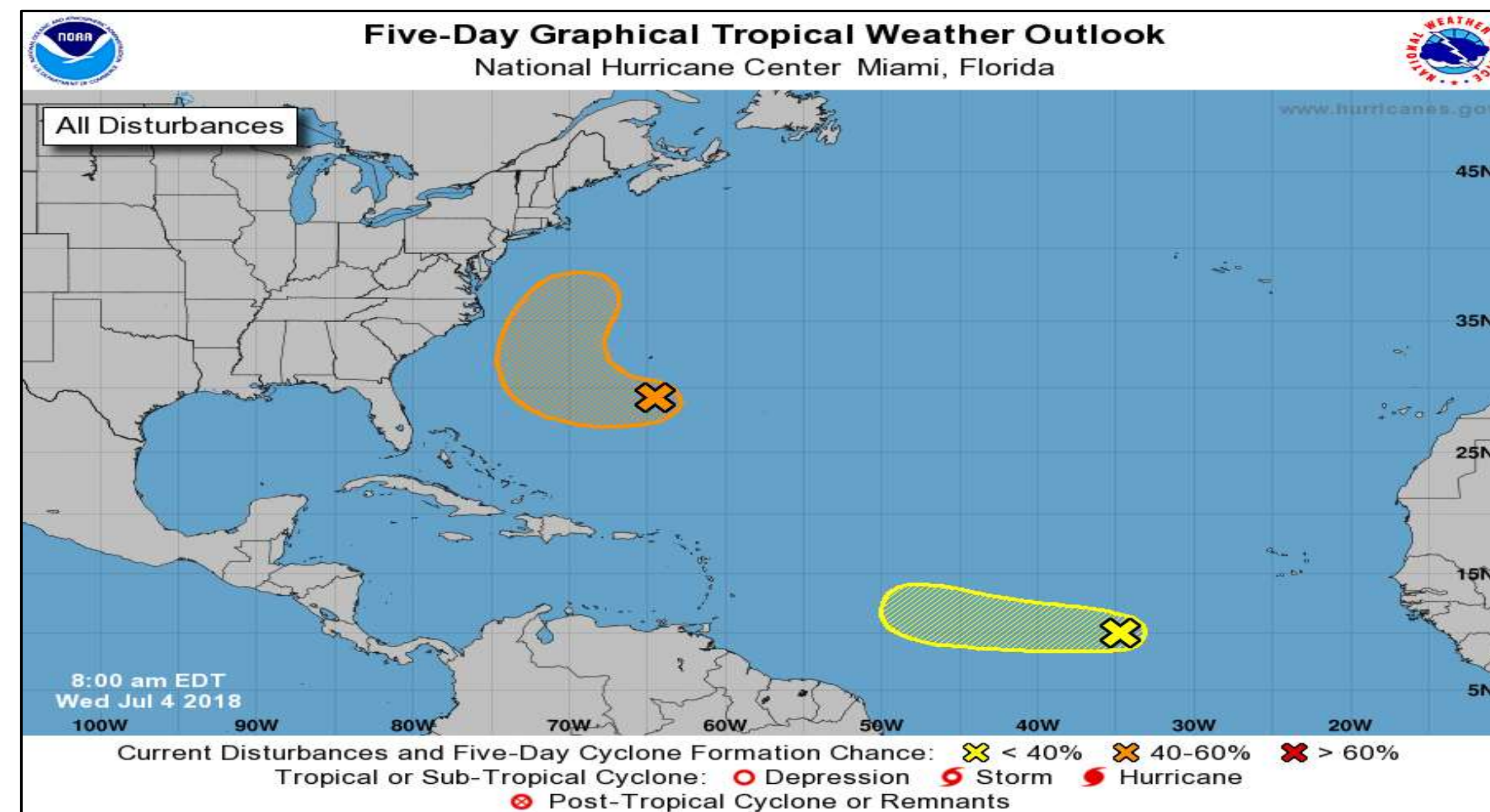
Formation chance through 5 days...medium...60 percent.

Location 2:

Formation chance through 48 hours...low...30 percent.

Formation chance through 5 days...low...30 percent

No impacts to FEMA 6 are expected.

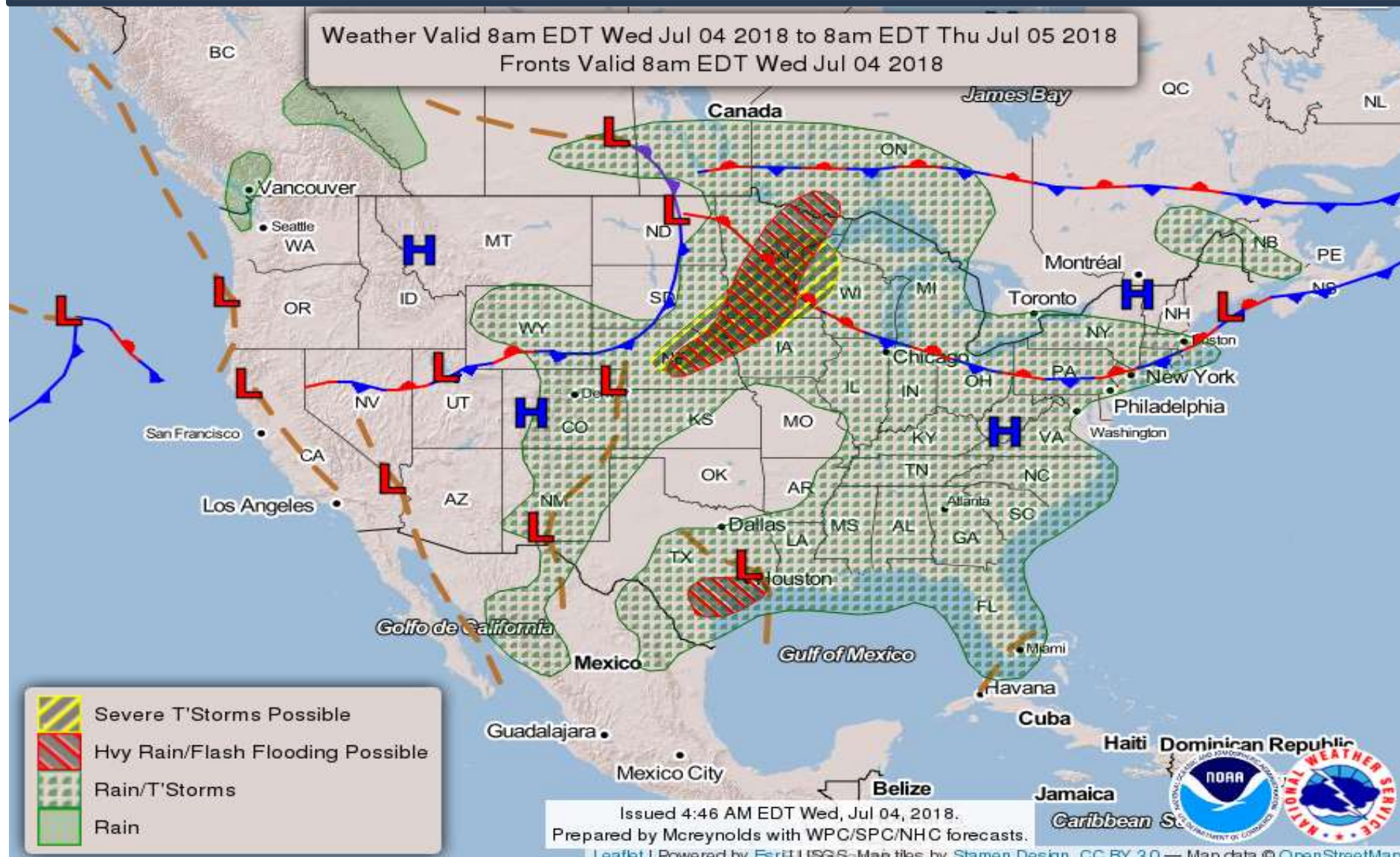


Today's Weather



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Forecast Chart

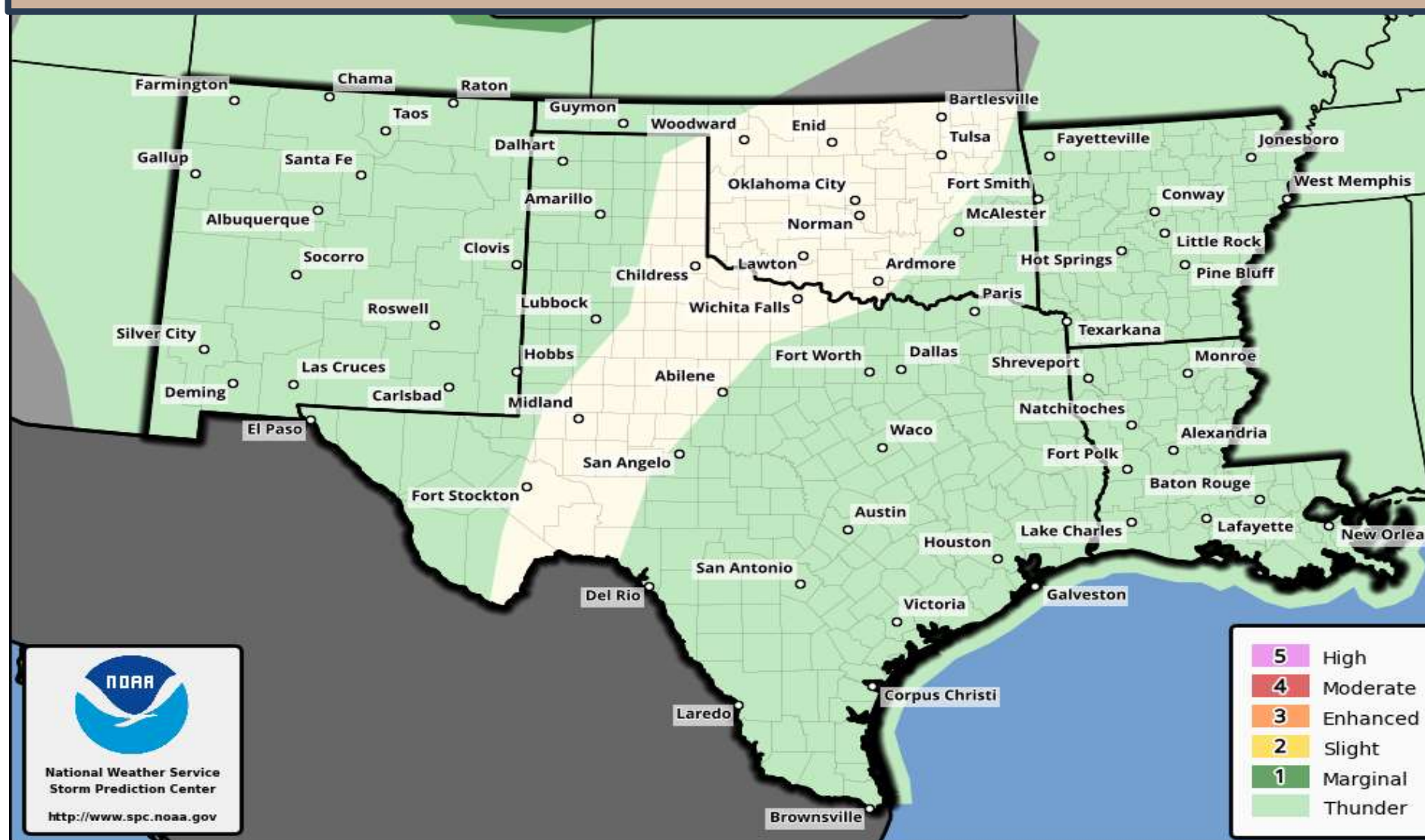


Forecast Rainfall



Some isolated heavy rain/flooding possible over SETX and SW LA.

Severe Weather Outlook



Excessive Rainfall Outlook

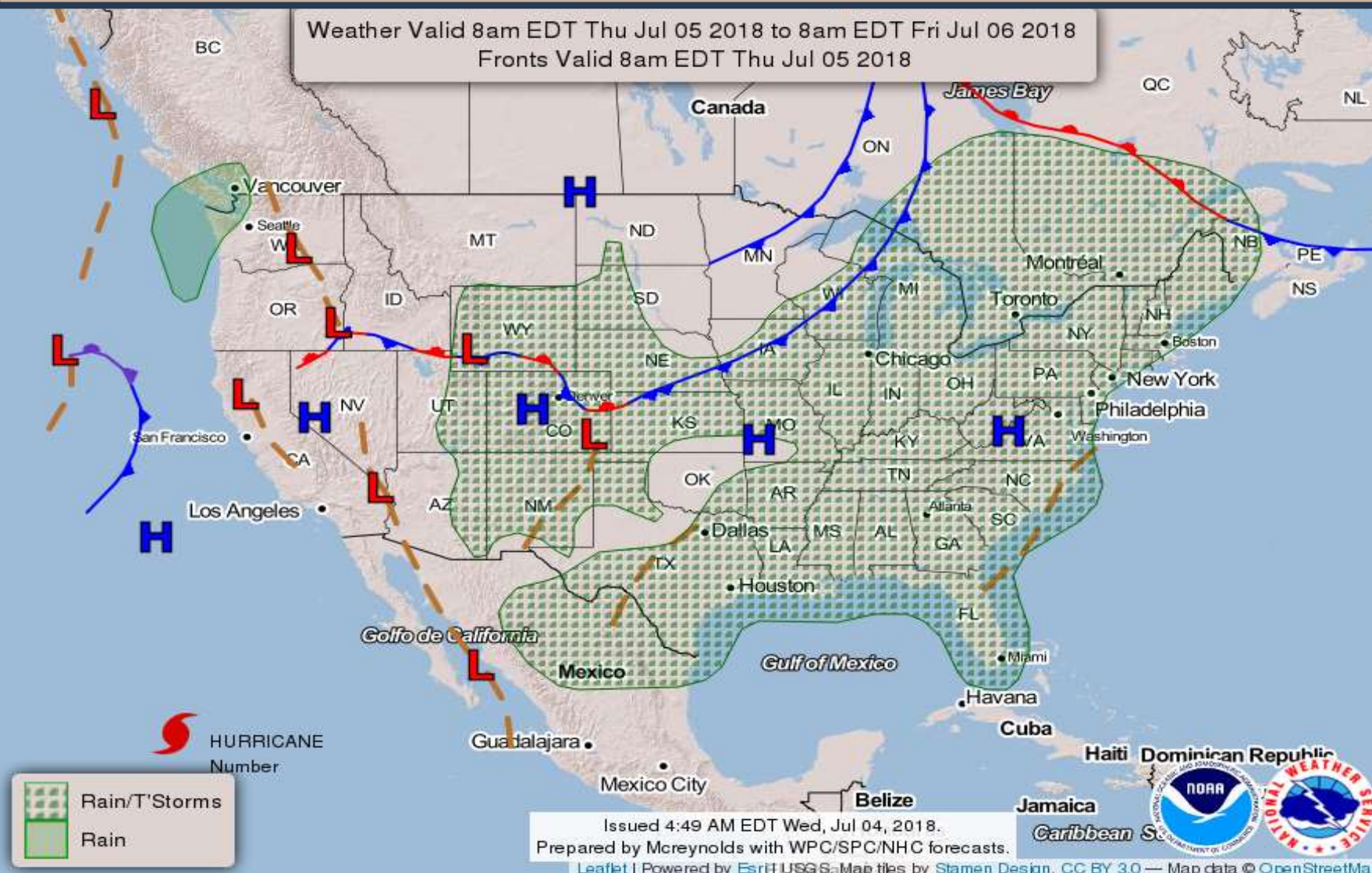


Tomorrow's Weather



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Forecast Chart

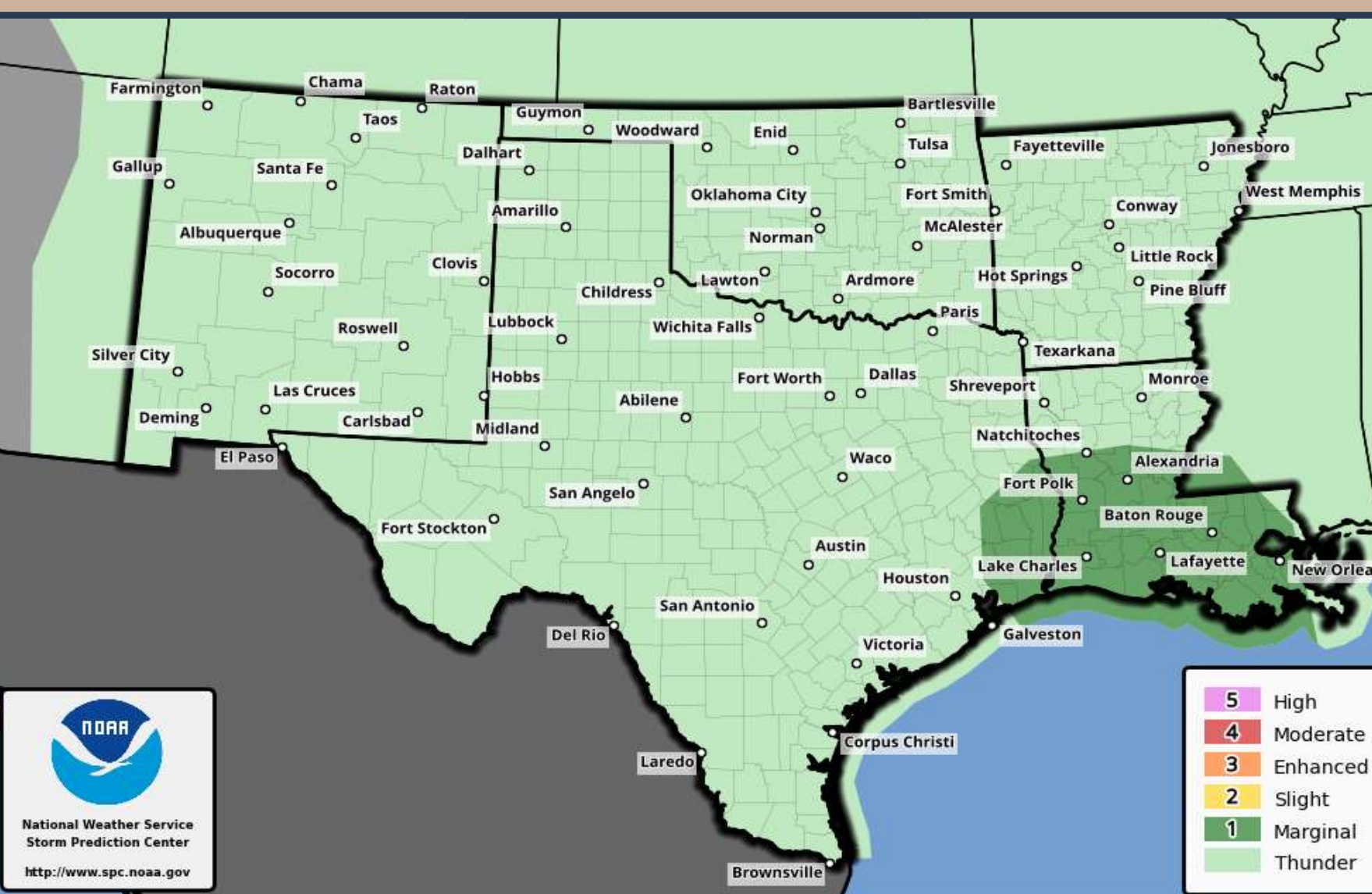


Forecast Rainfall



Isolated strong to severe storms E TX and S LA.

Severe Weather Outlook

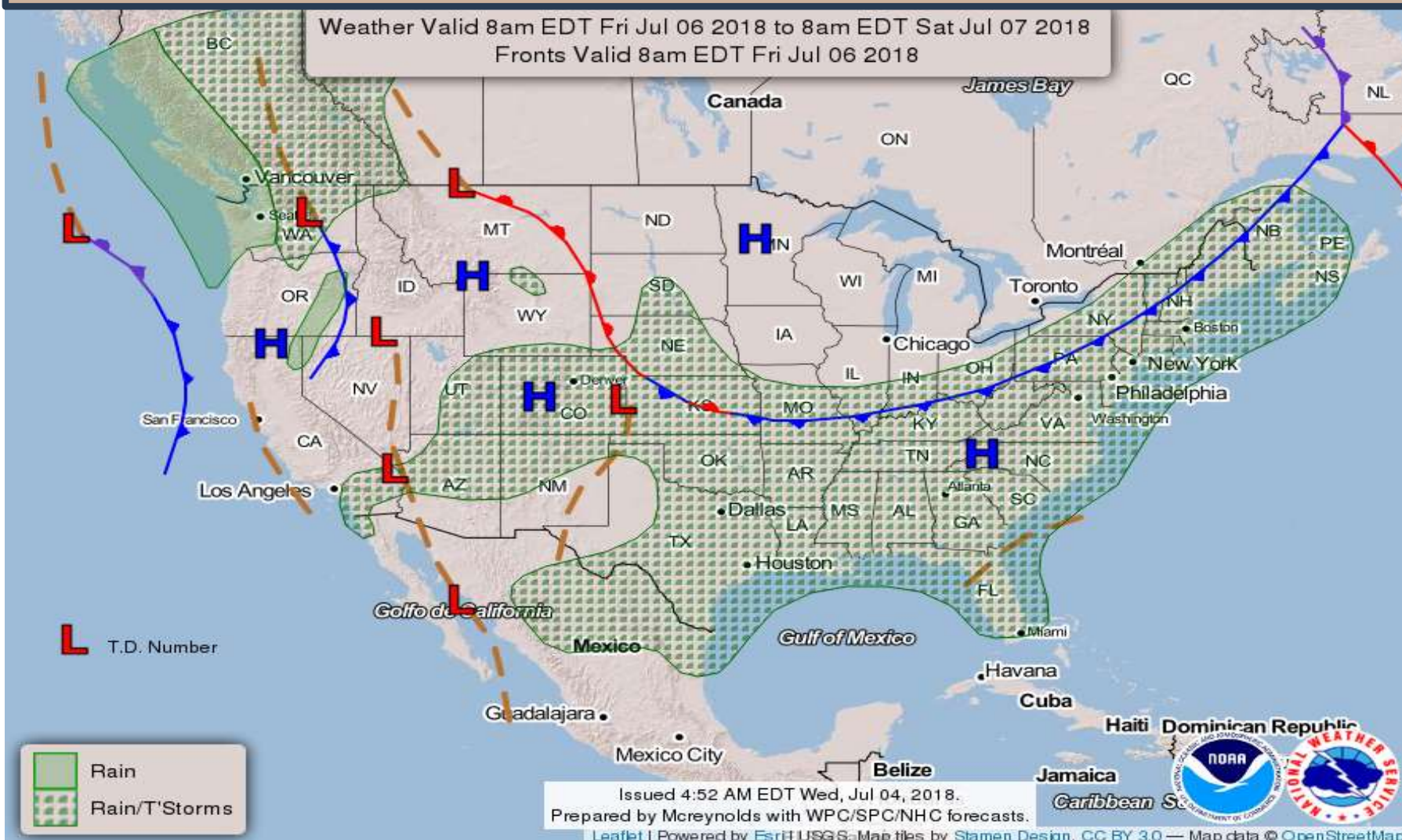


Excessive Rainfall Outlook



Friday's Weather

Forecast Chart



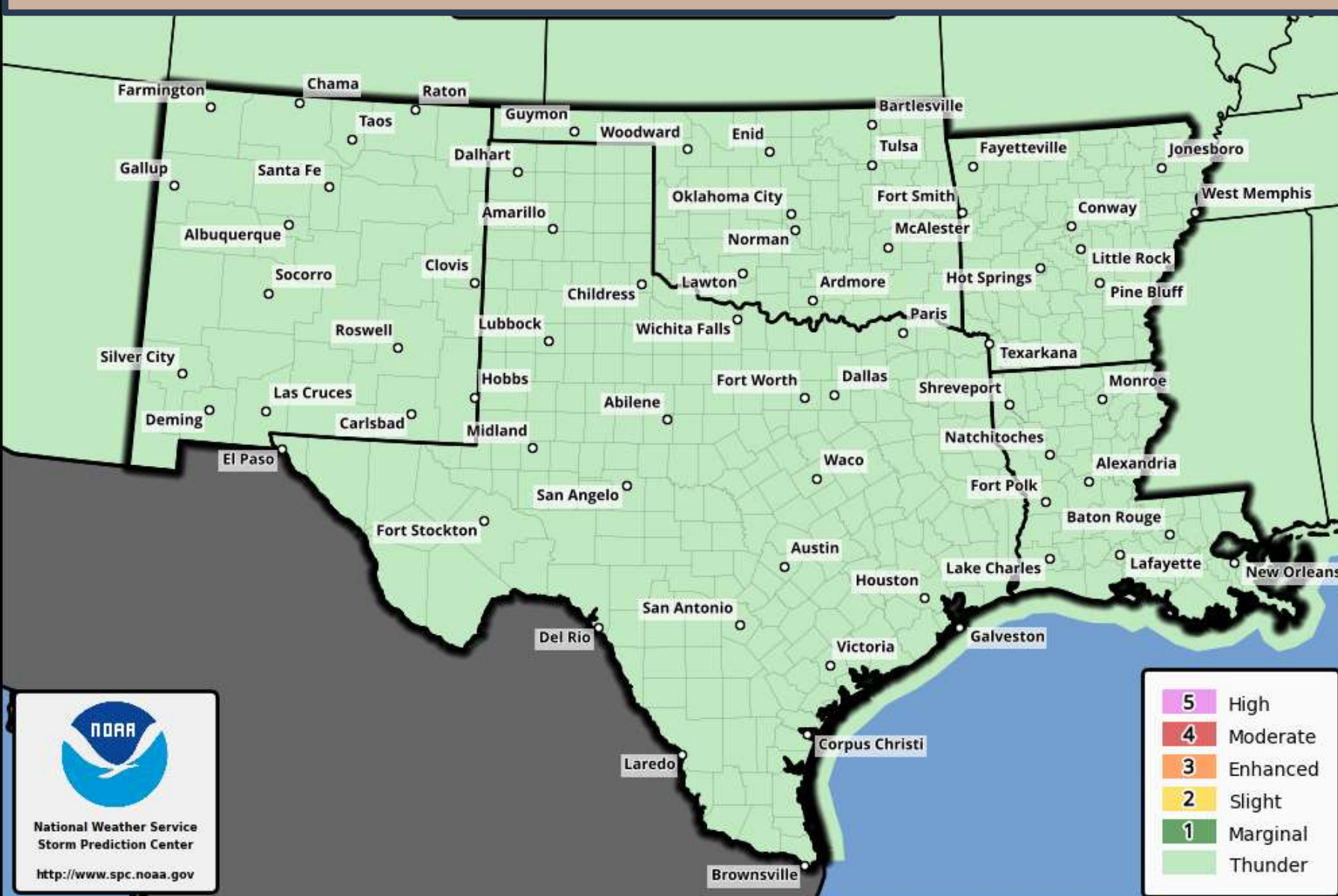
Forecast Rainfall



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No significant weather
expected.

Severe Weather Outlook



Excessive Rainfall Outlook

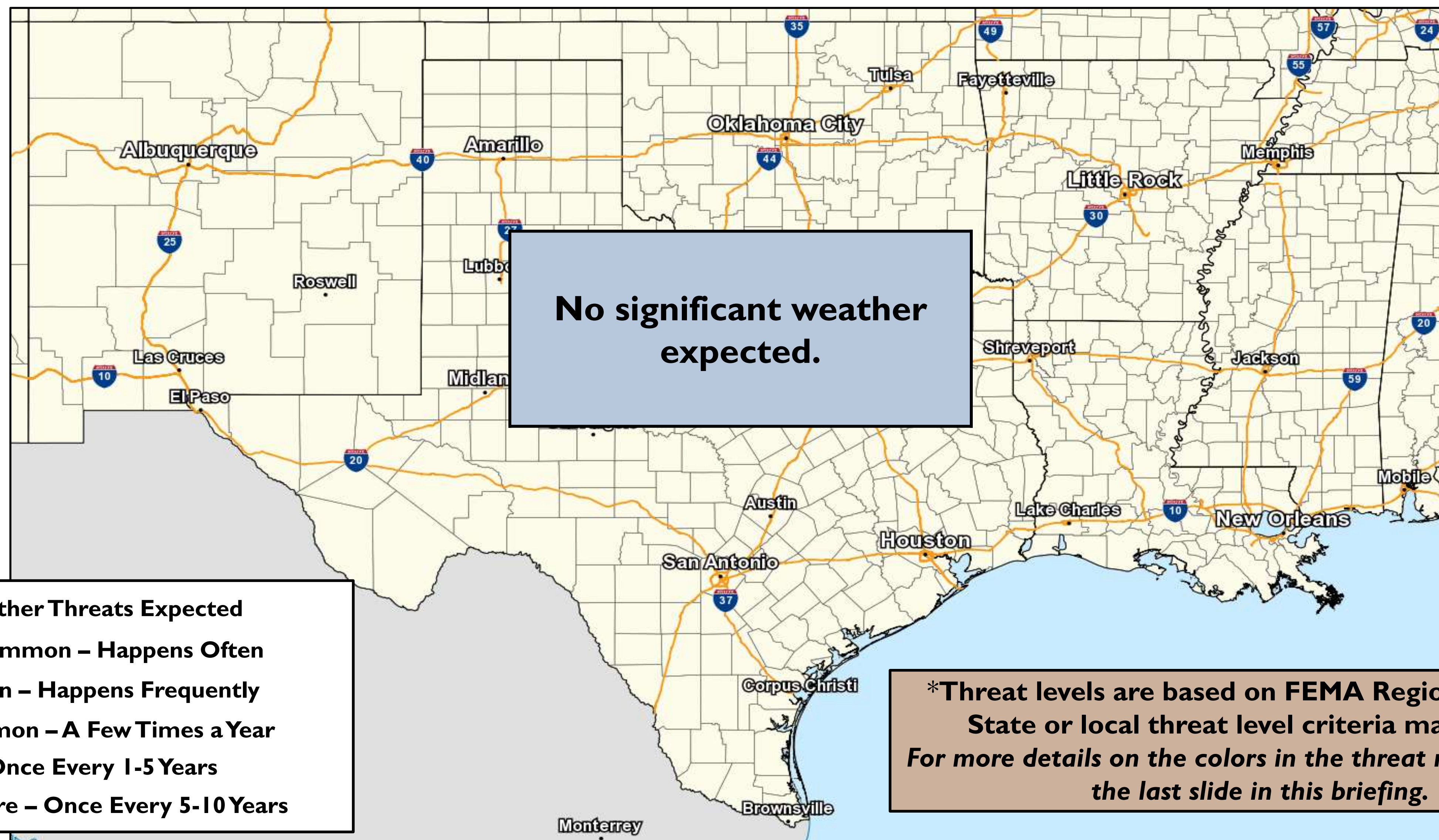


Days 4-5 Weather Hazards

Saturday - Sunday



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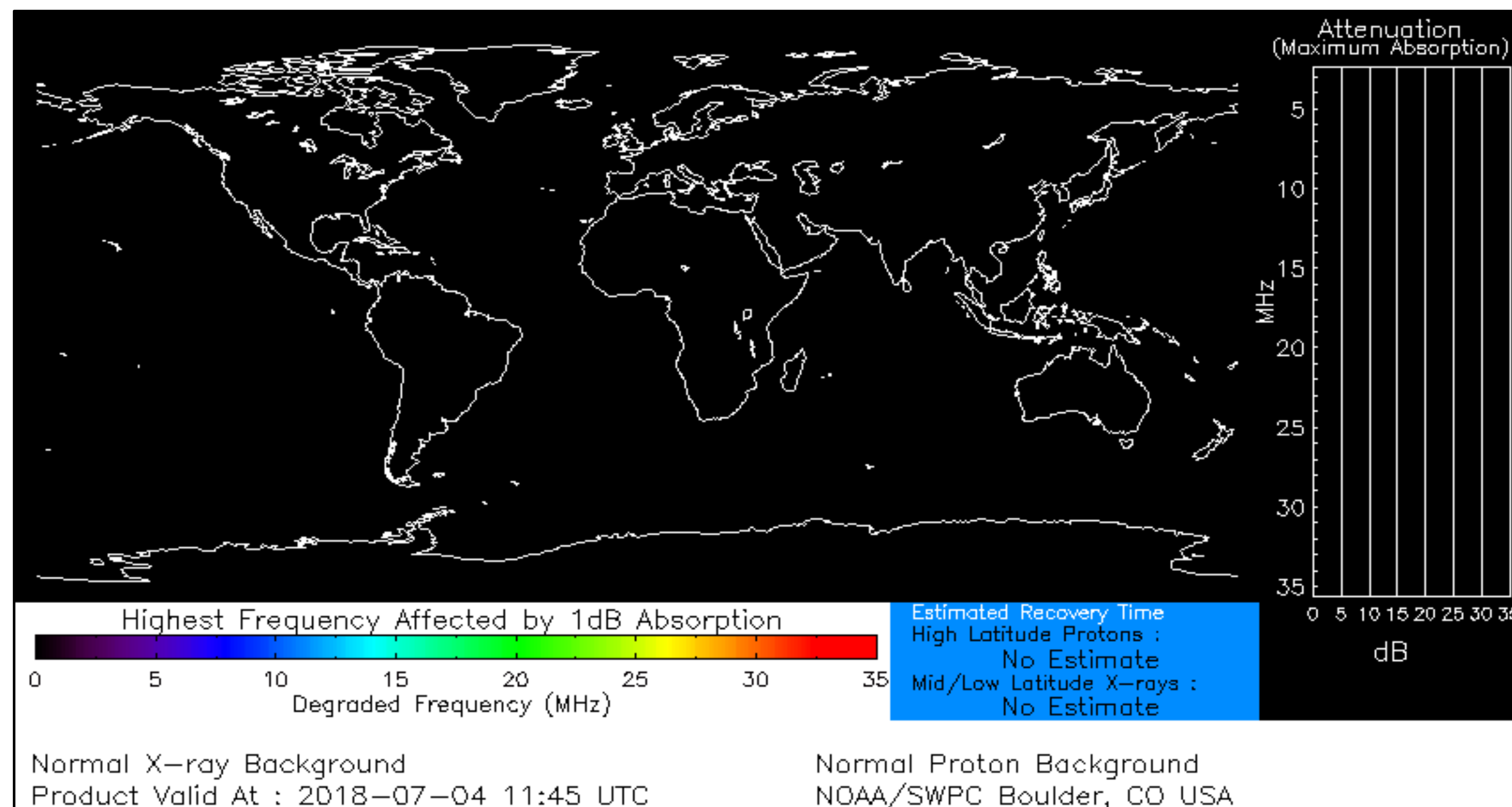


Space Weather 3-Day Forecast



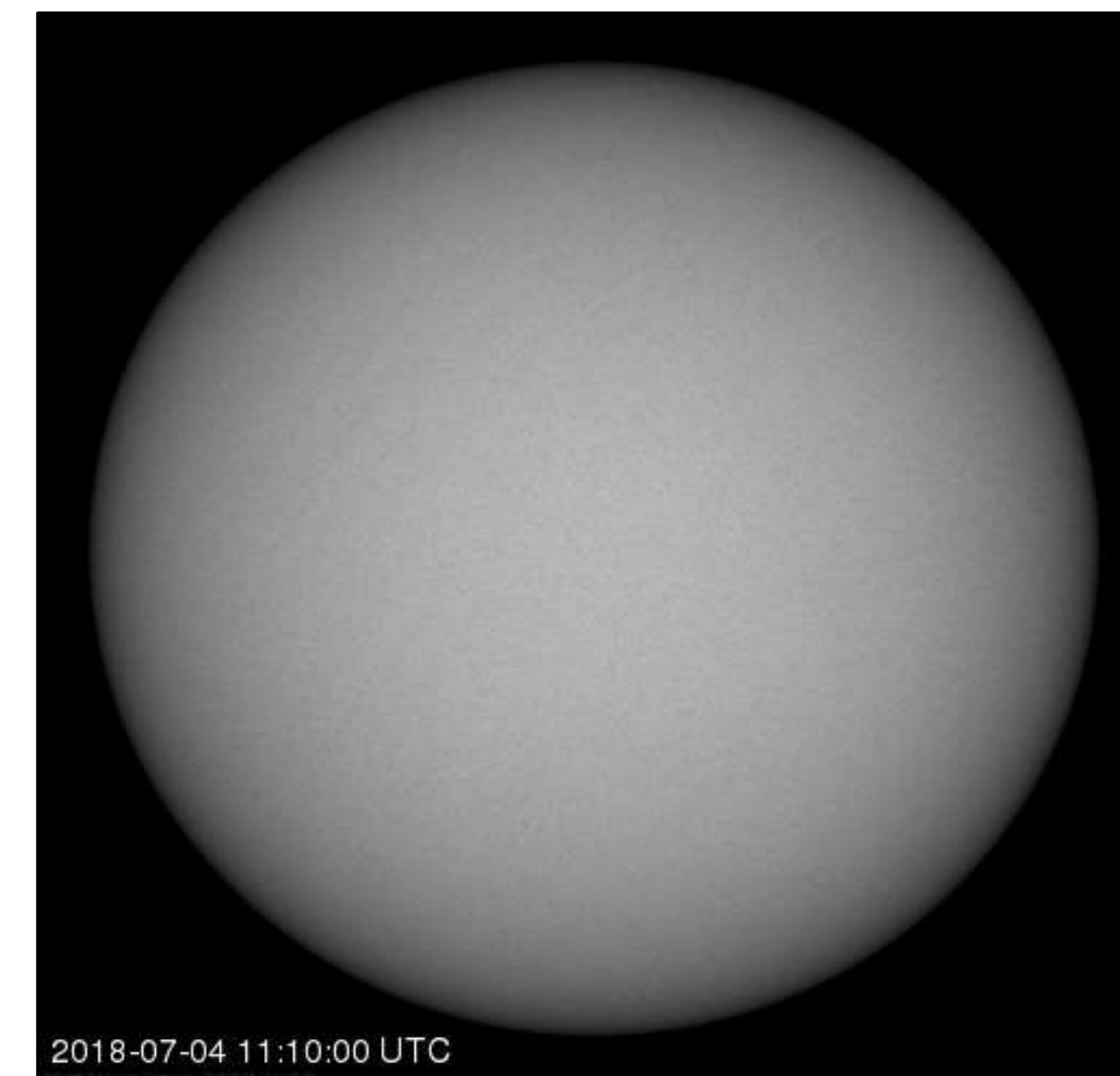
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	Wednesday	Thursday	Friday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





For more information, please contact:

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Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none">Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few treesSomething that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none">2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possibleScattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none">A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likelyNumerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hailSome large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none">A Category 1 hurricane will be moving towards the NW Gulf in the next few daysWidespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hailLarge fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none">A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrowWidespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to sr-srh.roc@noaa.gov.